

ABSTRACT

The event-driven queuing system and method (“EDQS”) comprises at least one each of a client, supervisor, and worker, together with network communications between each client and supervisor and between each supervisor and worker, and a component selected from the group comprising EDQS messaging architecture, EDQS job routing, EDQS event/callback architecture, EDQS job type data architecture, and the EDQS domain specific language. The EDQS typically provides arithmetical increases in dispatch time as jobs and workers are added to a farm, substantial improvements in processing jobs based on the status of one or more other jobs in a process group, and substantial improvements in the use of standalone or clustered heterogeneous platforms in a farm.